

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011667.D
 Acq On : 21 Jun 2019 01:56
 Operator : SY/MD
 Sample : K3415-13
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ0

Quant Time: Jun 21 04:33:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 02:33:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133427	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54213	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.57	69	33493	5.38	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.12	63	84098	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.95	46	166682	71.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.90%#
24) Chloroform-d	4.40	84	83095	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.08	65	63232	6.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.20%#
32) Benzene-d6	5.10	84	215204	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.60%
36) 1,2-Dichloropropane-d6	6.12	67	67641	6.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.20%
41) Toluene-d8	7.36	98	183273	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
43) trans-1,3-Dichloropropene-	7.66	79	18238	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.14	63	119816	67.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.16%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46718	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	60362	6.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.20%#

Target Compounds

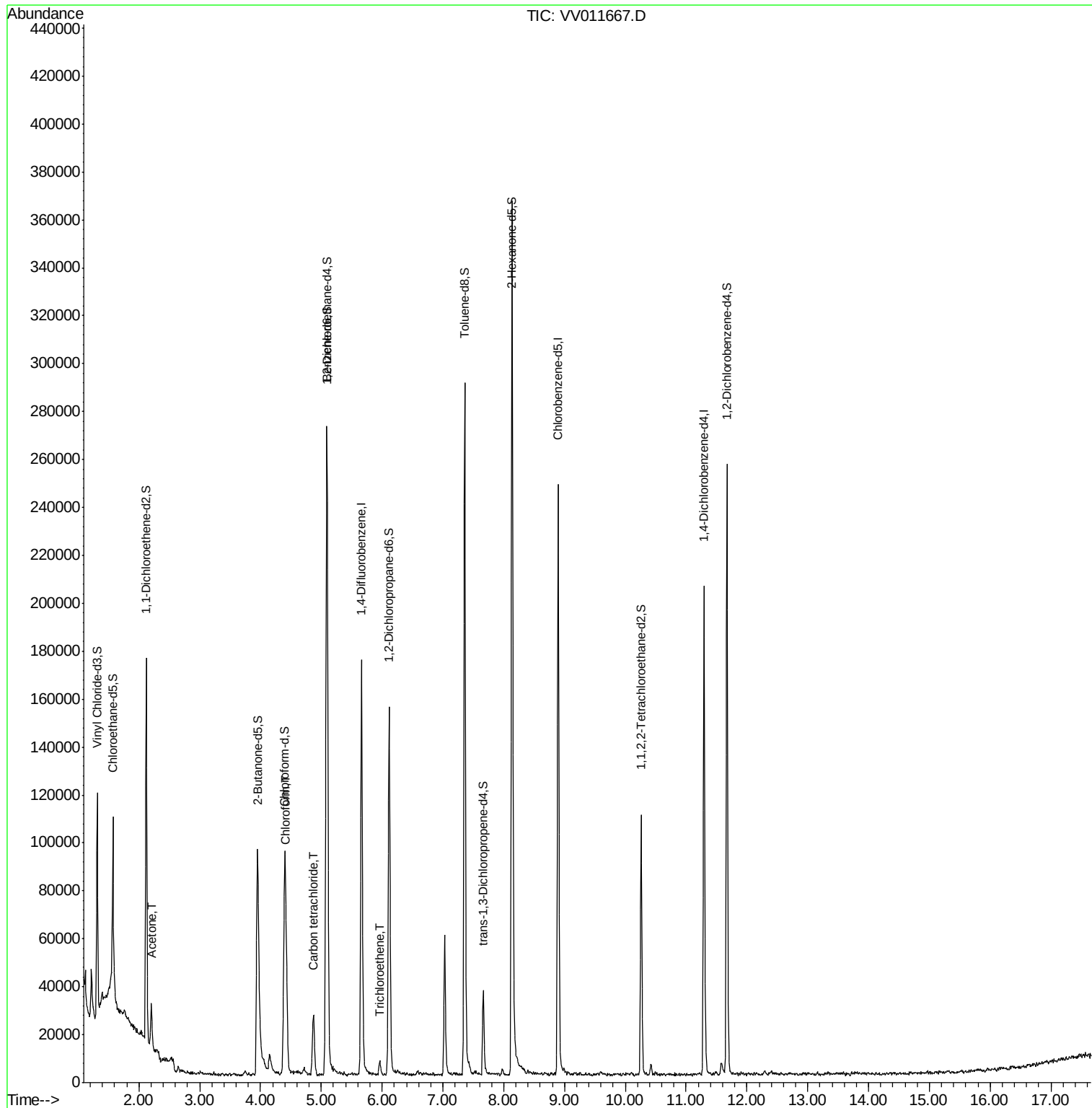
					Ovalue
13) Acetone	2.21	43	20846	12.371	ug/L 98
25) Chloroform	4.42	83	33801	1.595	ug/L 97
31) Carbon tetrachloride	4.87	117	16714	1.220	ug/L 100
34) Trichloroethene	5.96	95	1884	0.170	ug/L # 67

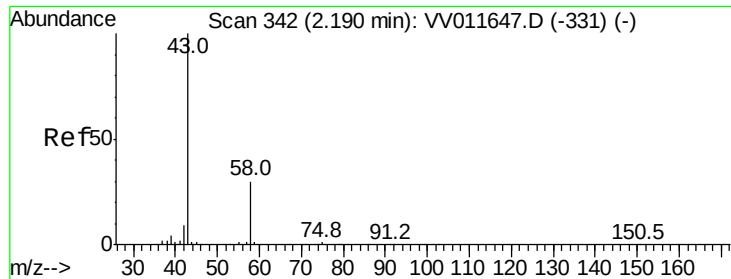
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.371 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.02 min

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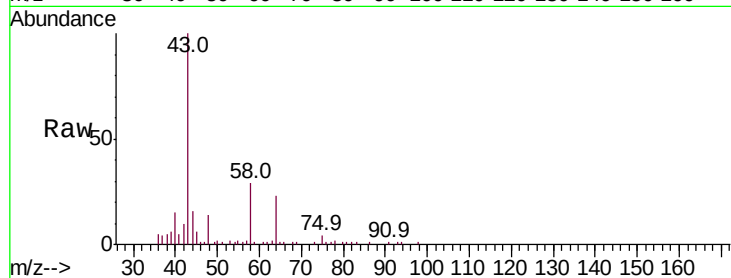
GALQ0

Tot Ion: 43 Resp: 20846

Ion Ratio Lower Upper

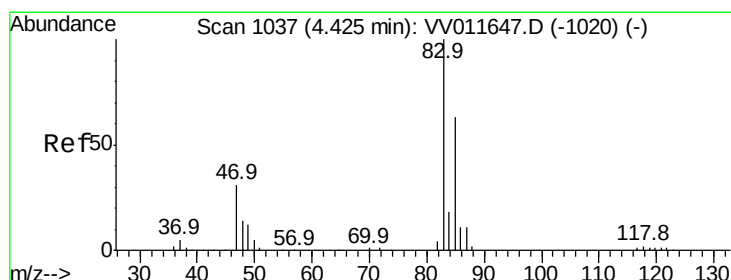
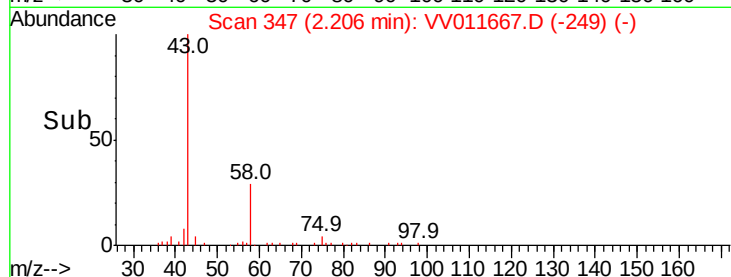
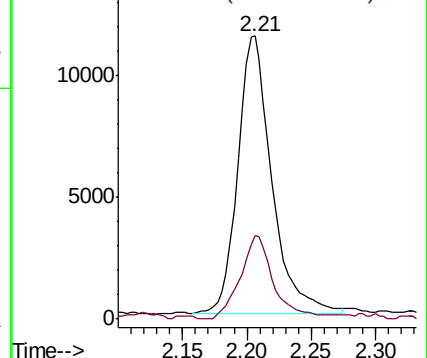
43 100

58 29.6 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 1.595 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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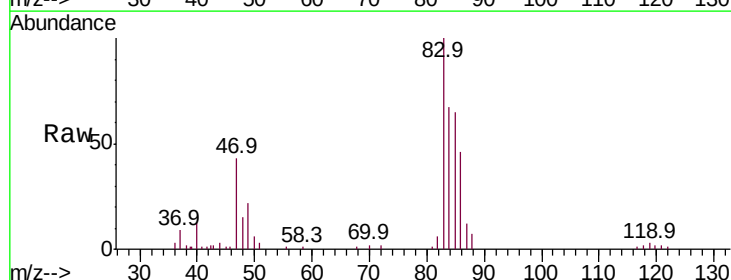
Acq: 21 Jun 2019 01:56

Tgt Ion: 83 Resp: 33801

Ion Ratio Lower Upper

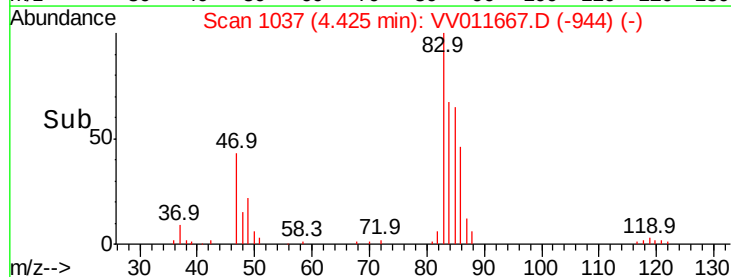
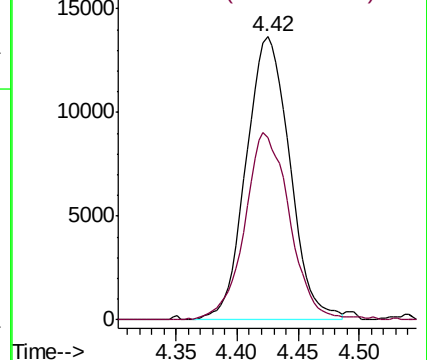
83 100

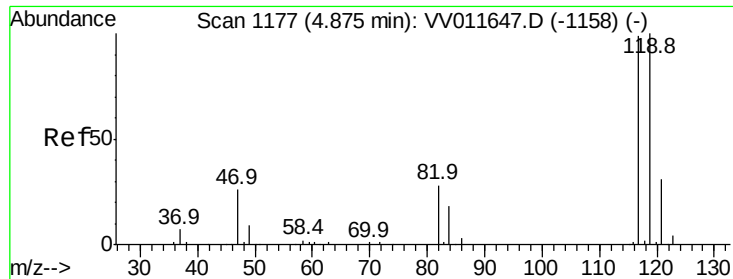
85 64.5 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#31

Carbon tetrachloride

Concen: 1.220 ug/L

RT: 4.87 min Scan# 1175

Delta R.T. -0.01 min

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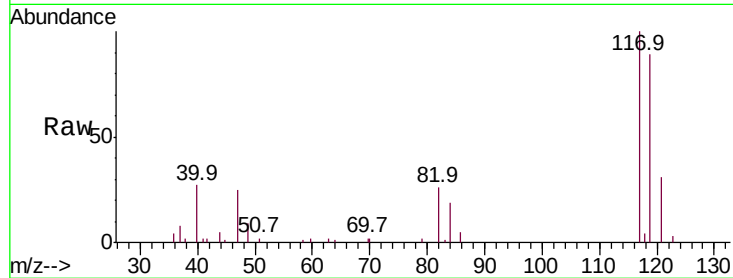
GALQ0

Tot Ion:117 Resp: 16714

Ion Ratio Lower Upper

117 100

119 96.7 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.87

8000

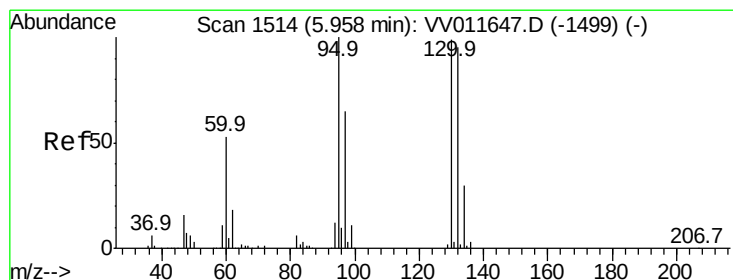
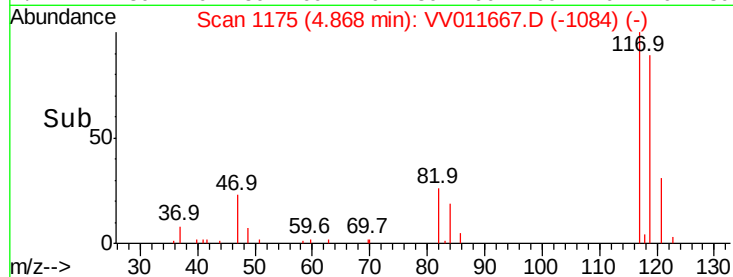
6000

4000

2000

0

Time-->



#34

Trichloroethene

Concen: 0.170 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011667.D

Acq: 21 Jun 2019 01:56

Tgt Ion: 95 Resp: 1884

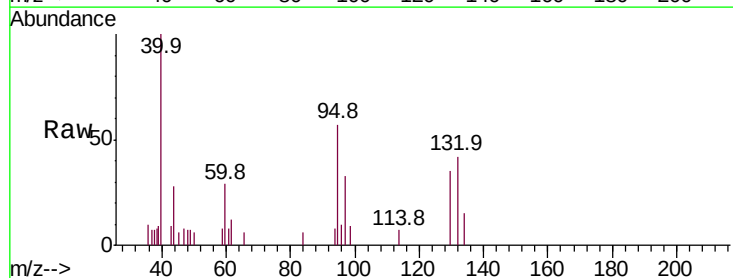
Ion Ratio Lower Upper

95 100

97 49.1 44.4 82.5

132 61.9 65.0 120.6#

130 52.7 67.1 124.7#



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

1500

1000

500

0

Time-->

